

**REMARKS**

Claims 1, 4-5 and 40 are pending upon entry of this amendment. Claims 2 and 6-38 have been cancelled and claim 1 has been amended. The amendment is fully supported by the specification, e.g., on pages 23-24. No new matter has been presented.

Claims 1, 4 and 40 are rejected under 35 USC 102(b) as being anticipated by Cao, U.S. Patent Publication No. 2005/0174801. This rejection is respectfully traversed.

Claim 1 has been amended to recite “the wiring pattern *extending through* the ceramic substrate to electrically connect to an *external connection terminal separated from the wiring pattern on the surface of the ceramic substrate*” (emphasis added). This feature is not taught by Cao. Cao does not include any wiring patterns extending through the ceramic substrate. All wiring patterns 309, 308a of Cao are arranged over the substrate 303. See Cao, FIG. 3a. Thus, Cao does not anticipate claim 1.

Furthermore, claim 1, as amended, recites “a second concave section, provided in the first concave section, and further recessed in the thickness direction of the ceramic substrate such that *both axes of symmetry for the first concave section and the second concave section are substantially coaxial*” (emphasis added). This feature is also not taught by Cao. The sub-well 355, which the Office Action aligns with the claimed second concave section, has a sloping wall in common with the primary well 354. The axes of symmetry of the sub-well 355 and the primary well 354 are not coaxial. Thus, Cao does not anticipate claim 1.

Accordingly, claim 1 is allowable. Claims 4 and 40 depend from claim 1 and are similarly allowable.

Claims 1, 4, 5 and 40 are also rejected under 35 USC 103(a) as being unpatentable over Wu, U.S. Patent Publication No. 2004/0173808 in view of Chang, U.S. Patent No. 7,030,423. This rejection is respectfully traversed.

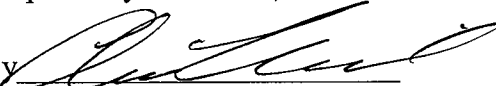
Wu does not teach or suggest the features of claim 1 recited above. The wiring pattern 308 of Wu does not extend through the substrate 300. Instead, the wiring pattern 308 extends over the surface of the substrate from a connection terminal to the concave section. Chang does not overcome the deficiencies of Wu in teaching this feature. Therefore, claim 1 is allowable over the combination of Wu and Chang. Claims 4, 5 and 40 depend from claim 1 and are similarly allowable.

In view of the above, each of the claims in this application is in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. **247322002100**.

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Respectfully submitted,

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